

AMENDMENTS TO THE CLAIMS

1. (Previously Presented) A molded composite article in which a resin member comprising a non-urethane thermoplastic resin and a resin member comprising a thermoplastic polyurethane resin are directly joined with each other, wherein

the non-urethane thermoplastic resin is a non-urethane thermoplastic resin (Ib) which is (Ib-1) a resin comprising a polyamide component having an alicyclic ring, or (Ib-2) a resin composition comprising a non-urethane thermoplastic resin and an amino group-containing compound,

the non-urethane thermoplastic resin (Ib) has an amino group in a concentration of not less than 10 mmol/kg,

in the resin composition (Ib-2), the non-urethane thermoplastic resin comprises at least one member selected from the group consisting of a polyamide resin, a polyester resin, a polycarbonate resin, a polyphenylene sulfide resin, a polysulfone resin, a thermoplastic polyimide resin, a polyetherketone resin, an olefinic resin, a styrenic resin, a (meth)acrylic resin, and a halogen-containing vinyl resin, and

the amino group-containing compound is at least one member selected from the group consisting of a polyamine, and a polyamide oligomer having a number average molecular weight of 1000 to 7000.

Claims 2-3 (Cancelled)

4. (Previously Presented) A molded composite article according to Claim 1, wherein in the non-urethane thermoplastic resin (Ib-1), the polyamide component having an alicyclic ring is at least one member selected from the group consisting of an alicyclic polyamide resin and an alicyclic polyamide elastomer.

5. (Previously Presented) A molded composite article according to Claim 1, wherein in the non-urethane thermoplastic resin (Ib-1), the polyamide component having an alicyclic ring comprises

an alicyclic polyamide component which is at least one member selected from the group consisting of an alicyclic polyamide resin, an alicyclic polyamide elastomer and an alicyclic polyamide oligomer; and

a non-alicyclic polyamide component which is at least one member selected from the group consisting of an aliphatic polyamide resin and an aromatic polyamide resin.

6. (Previously Presented) A molded composite article according to Claim 1, wherein in the non-urethane thermoplastic resin (Ib-1), the polyamide component having an alicyclic ring is obtained by using an alicyclic diamine as a diamine component.

7. (Previously Presented) A molded composite article according to Claim 1, wherein the non-urethane thermoplastic resin (Ib) is the non-urethane thermoplastic resin (Ib-1) comprising a polyamide resin, and the proportion (molar ratio) of an alicyclic monomer residue relative to other monomer residue in all polyamide components constituting the polyamide resin is 100/0 to 0.1/99.9.

8. (Previously Presented) A molded composite article according to Claim 1, wherein the non-urethane thermoplastic resin (Ib) is the resin composition (Ib-2).

9. (Previously Presented) A molded composite article according to Claim 1, wherein in the resin composition (Ib-2), the amino group-containing compound has a plurality of primary amino groups in the molecule.

10. (Previously Presented) A molded composite article according to Claim 1, wherein in the resin composition (Ib-2), the amino group-containing compound has an amino group in a concentration of 40 to 1000 mmol/kg.

11. (Previously Presented) A molded composite article according to Claim 1, wherein in the resin composition (Ib-2), the amino group-containing compound is a polyamide oligomer having an amino group in a concentration of 50 to 700 mmol/kg.

12. (Previously Presented) A molded composite article according to Claim 1, wherein the non-urethane thermoplastic resin (Ib) is the resin composition (Ib-2), and the proportion of the amino group-containing compound is 0.01 to 20 parts by weight relative to 100 parts by weight of the non-urethane thermoplastic resin.

13. (Previously Presented) A molded composite article according to Claim 1, wherein the non-urethane thermoplastic resin (Ib) is the resin composition (Ib-2) and the non-urethane thermoplastic resin is at least one selected from the group consisting of a polyamide resin, a polyester resin, a polycarbonate resin and a polyphenylenesulfide resin.

14. (Previously Presented) A molded composite article according to Claim 1, wherein the resin member comprising the non-urethane thermoplastic resin (Ib) is directly joined to the resin member comprising at least one thermoplastic polyurethane resin selected from the group consisting of a polyester urethane elastomer and a polyether urethane elastomer.

Claims 15-18 (Cancelled)

19. (Original) A molded composite article according to Claim 1, which is a shoe member or a roll member.

Claims 20-21 (Cancelled)

22. (Withdrawn) A process for producing a molded composite article recited in claim 1, which comprises

heating at least one resin selected from the group consisting of the non-urethane-series thermoplastic resin and the thermoplastic polyurethane-series resin, and
joining the both resins with each other.

23. (Withdrawn) A process according to Claim 22, which comprises heating at least one resin selected from the group consisting of the non-urethane-series thermoplastic resin and the thermoplastic polyurethane-series resin to be molten, bringing at least one resin in the molten state into contact with the other resin, and joining both resins with each other.

24. (Withdrawn) A process according to Claim 22, wherein the non-urethane-series thermoplastic resin and the thermoplastic polyurethane-series resin are joined with each other in the molding process by a molding method selected from the group consisting of a thermoforming, an injection molding, an extrusion molding, and a blow molding.

25. (New) The molded composite article according to claim 1, wherein the polyamine is a polyoxyalkylenediamine.